

NPS Assessment Report and Management Plan

- Tribes determine NPS pollution causes
- Tribes identify NPS issues effects
- Tribes rank NPS affected waterbodies by impairment
- Proposes solutions
 - Best Management Practices (BMPs)
 - Other Activities (education, training, demo projects)
- Incorporates a revision process every 3-5 years

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NPS Planning Handbook



Sample Assessment Report **Checklist** INTRODUCTION: □ Goals and objectives of NPS Assessment Report: ☐ Discuss info presented in "Results" section ☐ Identify categories of NPS pollution that are causing the majority of impaired water uses - rank them on impairment of poliution were obtained: | Identify any uncommon software or evaluation techniques: | Describe how thoroughly the study was conducted; any assumptimade in the analysis: | Describe any destifications/abbreviations made for assessment: | Describe types of sampling and purpose of sampling: SURFACE AND GROUND WATER QUALITY SUMMARY: | Thoroughly describe the existing conditions of the tribal waters: | Map of waters with complete description: | Water hydrology and quality: | Existing NPS reduction program for tribal lands identified: CONCLUSIONS: Provide a summary of the key findings of NPS assessment report and list ☐ Identify the category(ies) of NPS that is most detrimental and will be targeted in 319 program RESULTS: Present available scientific information related to NPS pollution on tribal lands. Index data blabe for waters. -Name of waterhooty, sizel/reigh, identified pollutant, severity of impairment. Discuss each major type of water quality parameter or pollutant. APPENDICES:

Sample Management Plan Checklist

- OVERVIEW:

 State the purpose of the document and explain the need for a NPS management program for tribal lands: Provide a summary of major conclusions of the management program:

- INTRODUCTION:

 Describe the goals and objectives of the NPS source management program:

 Present a detailed description/listing of steps used in identifying NPS source problem areas, printify waterbodies, and BMPs solutions (basically a concise summary of the assessment report)

- IANAGEMENT PROGRAM SUMMARY:

 This section of the report should be organized by the NPS pollution categories that are identified as priorities in the assessment report and will be addressed in the management program.

 BMPs identified for each category form subsections, include milestones for each section of plan (presented in labular form)

- For each NPS source pollution category provide:

 (1) birle introductory paragraph describing nps source, as well as problems and needs shockated with the source -info on primary polludants, % of land use associated with NPS pollution category

 (2) identify specific short-term goals and objectives

MANAGEMENT PROGRAM SUMMARY (continued): (3) For each activity (BMP), determine (if possible) as supporting text for

EXISTING AUTHORITIES AND PROGRAMS

Identify and describe any tribal or federal laws or programs that address NPS pollution and activities associated with each description of specific programs, in addition to 1919 for money and technical assistance at tribal, local, state, or federal level define various orios of seators.

ACRONYM LIST:

Full size checklists are included at the end of the presentation.

NPS Assessment Report

A tool to help identify:

- Water quality problems
- Sources of NPS pollution
- Existing Best Management Practices (BMPs)
- Programs and methods to control NPS pollution



NPS Assessment Report

Components

- Cover
- Contents
- Overview
- Introduction
- Methodology
- Land Use Summary
- Surface and Ground Water Quality Summary
- Results

- Discussion
- Selection of Best Management Practices
- Nonpoint Source Control Programs
- Conclusions
- References
- Appendices
- Acronym List

NPS Assessment Report

Overview

- Purpose of Report
- Explain need for NPS Assessment Report
- A general summary of analysis to follow

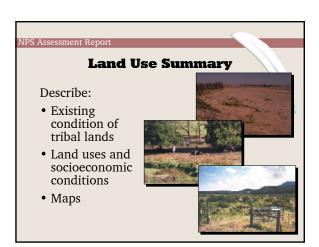
NPS Assessment Report

Introduction

- State the <u>goals</u> of report
- State the <u>objectives</u> of report



Methodology Describe: • How and where was the data obtained • How was the study conducted • Any assumptions made in analysis • Any uncommon software or evaluation techniques



Surface and Ground Water Quality Summary • Existing conditions of tribal waters - water hydrology and quality • Existing NPS reduction programs - NRCS grants, cooperative ventures • Map of waters

NPS Assessment Report

Results

Present information related to NPS pollution on tribal lands:

- 1. Surface and ground water quality
- 2. Major water quality pollutants
- 3. Affected waterbodies



NPS Assessment Report

Discussion

- Discuss all information presented in the "Results" section
- Identify categories of NPS pollution that are causing the majority of impaired water uses
 - Rank them by impairment





NPS Assessment Report

Selection of BMPs

Purpose: Identify the established process for selecting BMPs

- 1. Core participants and mission statement
- Public participation and government coordination
- 3. Specific programs (contacted for assistance with BMPs)
- 4. Existing BMPs (organized by categories of NPS pollution)
- 5. Pollution reduction—description of process

NPS Assessment Report

NPS Control Programs

 For each category of NPS pollution, identify and describe all available methods and programs

Existing Agriculture BMPs by Nonpoint Source Category									
NPS Category	Nonpoint Source		Conservation e Standards	Partners	Potential Funding				
Hydrologic & Habitat Modification	Historic Overgrazing, Erosion & Habitat Destruction & Natural Geologic	322	Channel Vegetation	Tribal EPA/NRCS	CWA 319				
		390	Riparian Herbaceous Cover	Tribal EPA/NRCS	CWA 319				
		395	Stream Habitat Improvement & Management	Tribal EPA/NRCS/ USFW/ University	CWA 319/ USFW				
		584	Stream Channel Stabilization	Tribal EPA/NRCS	CWA 319				

NPS Assessment Report

Conclusions

- Summarize key findings
- List special concerns
- Identify the most detrimental categories of NPS pollution



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NPS Management Program

- A multiyear strategy document designed to bring NPS pollution under control
- Describes how the Tribe intends to correct or prevent existing or potential NPS problems identified in the Assessment Report
- Identifies reservation-wide and watershed-level projects to implement management practices for pollution prevention

Program Components

- Cover
- Contents
- Overview
- Introduction
- Management Program Summary
- Management Program
 - Implementation program
 Budget plan
- Existing Authorities and Programs
- References
- Appendices

NPS Management Program

Best Management Practices (BMPs)

- Activities used to prevent or mitigate impacts to water quality
- BMPs can be structural or nonstructural

NPS Management Program

BMPs Structural Examples

- Fencing riparian areas—keep livestock out
 - This practice reduces sloughing of stream bank soils due to hoof and head action
 - Streamside vegetation and natural stream bank angles, width, depth, and undercut are maintained



BMPs Structural Examples (continued) • Vegetated filter strip • Culvert removal • Streambank restoration

NPS Management Program BMPs Structural Examples (continued) • Site cleanup • Road decommissioning • Silt fences



Road Decommissioning (before)

Road Decommissioning (before)

BMPs Nonstructural Examples

- Planning and zoning codes
- Education and community outreach
- Conservation easements
- Contour farming
- Grazing management



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NPS Management Program

Overview

- State purpose of this document
- Explain need for NPS Management Program for Tribal Lands
- Provide summary of major conclusions of management program

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NPS Management Program

Introduction

- Describe goals and objectives of NPS Management Program
- Present a detailed description/listing of steps used in identifying
 - NPS problem areas
 - Priority waterbodies
 - BMPs Solutions



Management Program Summary

- Identify the program's legal authority
- Identify the program's administering agency
- Explain how program is organized
- Explain how each component will be funded



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NPS Management Program

Management Program

- State the goals and objectives for each category of NPS pollution
- Describe the NPS management measures (BMPs) that will be implemented
- Provide a schedule including measurable milestones



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NPS Management Program

Management Program

(continued)

For each NPS pollution category provide:

- 1. Brief introductory paragraph describing NPS source
 - Problems and needs associated with source
 - Information on primary pollutants
 - Percentage of land use associated with NPS pollution category
- 2. Identify short-term goals and objectives

Management Program

(continued)

- 3. For each management measure, determine (if possible) and include supporting text for:
 - Specific BMPs
 - Watersheds or critical areas
 - Expected water quality improvementsLead agency

 - Cooperating agencies
 - Information and education needs

 - Funding schedule and budget plan
 Implementation schedule and milestones

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Agriculture Milestones					
Activity	Year 1	Year 2	Year 3	Year 4	Year 5
Demonstration – winter grazing and feeding on Coyote Creek	х				
Implement 4 grazing BMPs on range units 9 and 10 on Little Fox Creek		х			
Monitor range units 9 and 10 for water quality changes		х	х	х	х
Silviculture Milestones					
Activity	Year 1	Year 2	Year 3	Year 4	Year 8
Stabilize abandoned logging roads		х	х	х	х

NPS Management Program **Management Program** (continued) • Funding schedule/budget plan Est. Cost \$\$ \$\$ \$\$ Tribe 319 \$ \$ \$ \$ \$ \$ \$ \$ \$ 106 GAP \$ \$ \$ \$ \$ \$ Est. Cost Tribe 319 \$\$ \$ \$ \$ \$\$\$ \$\$ \$ \$ 106 \$ \$ \$ NRCS \$ \$ Activity 3 Est. Cost Tribe 319 106 GAP SRF BIA NRCS Year 3 Est. Cost Tribe 319 106 GAP SRF BIA NRCS

Existing Authorities and Programs

- Identify and describe any tribal or federal NPS pollution laws or programs
- Describe any specific programs (in addition to CWA 319) that provide financial or technical assistance



NPS Management Program

References

- References
- Appendices



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Congratulations

You have now completed the NPS Assessment Report and Management Program, and are well on your way on the road toward eligibility in the NPS program!

